

What is claimed is:

1. An isolated polypeptide comprising a polypeptide sequence having at least 95% identity to the polypeptide sequence set forth in SEQ ID NO:35.
2. The polypeptide of Claim 1 wherein the polypeptide comprises the polypeptide sequence set forth in SEQ ID NO:35.
3. The polypeptide of Claim 2 wherein the polypeptide consists of the polypeptide sequence set forth in SEQ ID NO:35.
4. An isolated polynucleotide comprising a polynucleotide sequence that encodes the polypeptide of Claim 1.
5. The polynucleotide of Claim 4 comprising the polynucleotide sequence set forth in SEQ ID NO:13.
6. The polynucleotide of Claim 5 consisting of the polynucleotide sequence set forth in SEQ ID NO:13.
7. An expression vector comprising the polynucleotide of Claim 4.
8. The expression vector of Claim 7 wherein the vector is a recombinant virus.
9. The expression vector of Claim 8 wherein the recombinant virus is a member selected from the group consisting of adenovirus, adeno-associated virus, retrovirus or vaccinia virus.
10. A process for producing a recombinant host cell which comprises the step of introducing the expression vector of Claim 7 into a cell such that the host cell, under appropriate conditions, produces the polypeptide.
11. A recombinant host cell produced by the method of Claim 10.
12. A process for producing a polypeptide which comprises culturing the host cell of Claim 11 under conditions sufficient for the production of the polypeptide.
13. The process of Claim 12 further comprising recovering the polypeptide produced by the cell.

14. A pharmaceutical composition comprising an effective amount of the polypeptide of Claim 1 and a pharmaceutically acceptable carrier.

5 15. A pharmaceutical composition comprising an effective amount of a polypeptide having at least 95% identity to the polypeptide sequence set forth in SEQ ID NO:46 and a pharmaceutically acceptable carrier.

10 16. A pharmaceutical composition comprising an effective amount of the polynucleotide of Claim 4 and a pharmaceutically acceptable carrier.

17. A pharmaceutical composition comprising an effective amount a polynucleotide that encodes a polypeptide sequence having at least 95% identity to the polypeptide sequence set forth in SEQ ID NO:46 and a pharmaceutically acceptable carrier.

15 18. A pharmaceutical composition comprising an effective amount of the expression vector of Claim 7 and a pharmaceutically acceptable carrier.

20 19. The pharmaceutical composition of Claim 18 wherein the expression vector is a recombinant virus.

20. A method for treating a wound in a patient in need thereof, the method comprising administering to the patient an effective amount of the composition of Claim 14.

25 21. A method for treating a wound in a patient in need thereof, the method comprising administering to the patient an effective amount of the composition of Claim 15.

22. A method for treating a wound in a patient in need thereof, the method comprising administering to the patient an effective amount of the composition of Claim 16.

30 23. A method for treating a wound in a patient in need thereof, the method comprising administering to the patient an effective amount of the composition of Claim 17.

35 24. A method for treating a wound in a patient in need thereof, the method comprising administering to the patient an effective amount of the composition of Claim 18.

25. A method for treating a wound in a patient in need thereof, the method comprising administering to the patient an effective amount of the composition of Claim 19.

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